

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Weixun Cao  
**Title:** DIRECT MODULATION OF A POWER AMPLIFIER WITH  
ADAPTIVE DIGITAL PREDISTORTION  
**Serial No.:** 10/645,261  
**Confirmation No.:** 7334  
**Filing Date:** 08/20/2003  
**Examiner:** Jean Corrielus  
**Group Art Unit:** 2611  
**Docket No:**

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August 27, 2007

Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Response to First Office Action (RCE)**

Dear Sir:

In response to the Office Action dated 07/06/2007, the Applicant respectfully requests the Examiner to enter the amendments and consider the remarks as follows:

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 2 of this Response.

**REMARKS** begin on page 8 of this Response.